

# John Sumner

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## Summary

As a Full-Stack developer, I'm dedicated to creating web applications that users love using. While proficient across the entire tech stack, I prioritise the Front-End, leveraging my passion for design and accessibility to deliver visually appealing and accessible interfaces. I utilise my expertise and communication skills to drive Front-End best practices across the development team.

## Experience

### ATG Entertainment - Software Engineer (Full-Stack) - August 2021 - August 2025

- Tech: React.js, Redux TypeScript, Node.js, Next.js, Storybook, Optimizely, Jest, React Testing Library, Cypress, AWS, Terraform, Serverless, Umbraco CMS, New Relic, DynamoDB, Lambda, EC2, S3, Git, GitHub Copilot, Cursor, Style Dictionary

### Accounts / Post Booking Team - 2024 - 2025

- Launched a digital ticketing solution with Apple Wallet integration, achieving a customer satisfaction rating of 4.6/5.
- Boosted account creation from 6.07% to 9.90% and premium membership purchases from 3.92% to 4.20% using A/B testing (Optimizely).
- Designed, deployed, and maintained internal and customer-facing systems using AWS (DynamoDB, Lambda, EC2, S3), Serverless and Terraform.
- Collaborated cross-functionally with the Apps team to ensure consistency and unified experience across web and mobile account management interfaces.

### Discovery / Design System Team 2022 - 2024

- Built an accessible (WCAG 2.1 AA), themeable design system using Style Dictionary and Storybook, delivered 50+ reusable components adopted by multiple applications.
- Engineered and deployed responsive, accessible (WCAG 2.1 AA), and high-performance Next.js sites for 17 US venues, improving user experience across the portfolio.
- Championed and integrated accessibility best practices across the engineering team, reducing technical debt and ensuring WCAG 2.1 AA compliance on flagship properties.
- Drove feature development and maintenance for [atgtickets.com](https://atgtickets.com), a high-traffic e-commerce platform serving over 2 million visitors monthly.

### Purchase Flow / Checkout Team 2021 - 2022

- Orchestrated and executed a series of A/B tests focused on dynamic ticket protection pricing strategies, leveraging data analysis to determine key customer price elasticity points.
- Led the modernisation of core checkout components, migrating legacy React class components to functional components with Hooks to boost code maintainability and developer experience.

### Saville Assessment - Software Engineer (Full-Stack) June 2018 – August 2021

- Tech: React.js, TypeScript, C#, .NET, SQL Server, Cypress, React Testing Library, Jest, Wordpress, Git
- Delivered an innovative, mobile-first aptitude test with a strong emphasis on accessibility.
- Collaborated with designers to create and deploy a new website using WordPress.
- Developed and optimized psychometric testing platforms, ensuring high performance and reliability within a microservices architecture.
- Led transitioning from legacy systems to React/TypeScript, enhancing user experience and implementing new features.
- Supported quality assurance by maintaining automated test suites and improving test coverage through CI/CD practices.

## Personal projects

### **johnsummer.dev - [Live Site](#) | [GitHub](#)**

- Developed and deployed a fully responsive personal brand website, leveraging Astro's SSG capabilities to ensure rapid load times and adherence to modern web performance standards.

### **Kiseki - [Live Site](#) | [GitHub](#)**

- Engineered a high-performance job application tracking platform using a modern architecture, featuring a Vite/React frontend and a Go backend API leveraging gRPC for efficient, low-latency communication.
- Designed and implemented the database schema (PostgreSQL) and authentication system, integrating Supabase for secure user management and token-based access control.

## Education

**BSc Computer Science (Upper Second-Class Honours (2:1))** - The University Of Sheffield, 2018

## Skills

**Frontend Development** - React.js, Next.js, Astro, TypeScript, Redux, Emotion, Material UI, Webpack, Vite, Storybook, Figma, Style Dictionary

**Backend Development** - Node.js, GraphQL, REST APIs, API design, C#, .NET, SQL Server

**Testing & Quality Assurance** - Jest, React Testing Library, Playwright

**DevOps & Cloud Infrastructure** - AWS (DynamoDB, Lambda, EC2, S3), Terraform, GitHub, CI/CD

**Processes & Methodologies** - Agile Methodologies, Jira

**AI/Developer Tools** - GitHub Copilot, Cursor